

What is claimed is:

1. A method of handling a communications event in a mobile device having a user interface, the method comprising:

identifying, in a communications event database, a correspondent associated with the communications event;

retrieving, from the communications event database, a communications event history associated with the correspondent; and

controlling the user interface to provide the retrieved communications event history to a user.

2. The method of claim 1, wherein the step of identifying is preceded by the step of determining a communications event type for the communications event.

3. The method of claim 2, wherein the determined communications event type of the communications event is selected from a list including telephony based voice communications events, e-mail communications events, short messaging service communications event and wireless applications protocol communications event.

4. The method of claim 1, wherein the communications event is an incoming communications event, and further including the step of receiving the incoming communications event prior to identifying the correspondent.

5. The method of claim 1, wherein the user interface is a display, and the step of controlling the user interface includes the step of displaying the retrieved communications event history on the display .

6. The method of claim 4, further including the step of adding the incoming communications event to the communications event history in the communications event database.

7. The method of claim 4, wherein the step of receiving an incoming communications event includes one of:
- receiving a telephony based phone call;
  - receiving an incoming email message; and
  - receiving an incoming short messaging service (SMS) message.
8. The method of claim 1, wherein the step of identifying the correspondent includes one of:
- extracting a phone number from call display information;
  - extracting an email address from the header of an email message; and
  - extracting an originating address from a SMS message.
9. The method of claim 8, wherein the step of identifying further includes cross referencing one of the extracted phone number, the extracted email address and the extracted originating address, with entries in an address book accessible to the mobile device.
10. The method of claim 7, further including a step of controlling the user interface to provide the user with communications event handling options.
11. The method of claim 10, wherein the step of controlling the user interface includes providing the user an option to either ignore or answer an incoming telephony based call.
12. The method of claim 11, further including the step of updating the communications event database to reflect a status of the incoming call.
13. The method of claim 10, wherein the step of displaying communications event handling options includes displaying the option to either read or ignore one of the incoming email message and the incoming SMS message.

14. The method of claim 13, further including the step of updating the communications event database to reflect the status of one of the incoming email message and the incoming SMS message.

15. A mobile device, having a user interface and a transceiver for transmitting and receiving communications events, the mobile device comprising:

a communications event database, for storing a communications event history associated with a correspondent; and

a communications event handler in communication with the communications event database for retrieving from the communications event database the communication event history in response to a communications event, and for controlling the user interface to provide the retrieved communication event history to a user.

16. The mobile device of claim 15, wherein the communications event handler includes a communications event type identifier for identifying the type of the communications event from a list including telephony based voice communications events, e-mail communications events, short messaging service communications event and wireless applications protocol communications event.

17. The mobile device of claim 15, wherein the user interface is a display, and the communications event handler includes a display controller for controlling the display to display the retrieved communication event history.

18. The mobile device of claim 15, wherein the communications event handler includes a correspondent identifier for identifying the correspondent of an incoming communications event.

19. The mobile device of claim 18, wherein the correspondent identifier is connected to the transceiver for receiving call display information, and includes

means for identifying the correspondent of an incoming communications event based on the received call display information.

20. The mobile device of claim 19, wherein the correspondent identifier includes an address book interface for cross-referencing the received call display information with entries in an address book accessible to the mobile device to identify the correspondent.

21. The mobile device of claim 18, wherein the correspondent identifier includes header parsing means for parsing the header of one of a received email message and a received SMS message to extract an originating address, and includes means for identifying the correspondent of an incoming communications event based on the extracted originating address.

22. The mobile device of claim 21, wherein the correspondent identifier includes an address book interface for cross referencing the extracted originating address with entries in an address book accessible to the mobile device to identify the correspondent.

23. The mobile device of claim 15, wherein the communications event handler includes a user interface controller for controlling the user interface to provide a user with communications event handling options.

24. The mobile device of claim 23, wherein the communications event handler includes means for updating the communications event database to reflect the status of an incoming call.

25. A communications event handler for integration in a communication device having a user interface, the communications event handler comprising:

a database interface for communicating with a communications event database to retrieve a communications event history associated with a correspondent in response to a communications event; and

a user interface controller for receiving the retrieved communications event history from the database interface, and for controlling the user interface to provide the retrieved communication event history to a user.

26. A wireless device, comprising:

a viewing screen;

a processor;

a memory device that stores communication events that have been transmitted or received by the wireless device; and

a communication event software interface module executed by the processor that (a) filters each of the communication events stored in the memory device to identify one or more select communication events meeting a pre-set criteria, and (b) displays the one or more select communication events on the viewing screen.

27. The wireless device of claim 26, wherein the communication events include at least one communication event of a type selected from the group comprising: e-mail, SMS, WAP, voice call, instant messaging session, SIP, calendar events, game turns, notes, tasks, and address cards.

28. The wireless device of claim 26, wherein the communication events include at least one communication event identifier selected from the group comprising: e-mail address, MSISDN, URI, IP address, PIN, and name.

29. The wireless device of claim 26, wherein the pre-set criteria for the one or more select communication events is configurable by a user of the wireless device.

30. The wireless device of claim 26, wherein the pre-set criteria for the one or more select communication events comprises a condition that the user has not attended to the communication events.

31. The wireless device of claim 26, wherein the communication event software interface module executed by the processor represents and displays the pre-set criteria.

32. The wireless device of claim 31, wherein the pre-set criteria representation comprises the number of unattended messages.

33. The wireless device of claim 31, wherein the pre-set criteria representation comprises the type of unattended messages.

34. The wireless device of claim 26, wherein the pre-set criteria is a contact matching condition between a contact in an address book and one or more select communication events.

35. A wireless device, comprising:

a viewing screen;

a processor;

a memory device that stores communication events that have been transmitted or received by the wireless device; and

a communication event software interface module executed by the processor that (a) locates one or more select communication events by filtering each communication event stored in the memory device to identify stored communication events matching a pre-set criteria, and (b) displays the one or more select communication events on the viewing screen.

36. The wireless device of claim 35, wherein the communication events include at least one communication event of a type selected from the group comprising: e-mail, SMS, WAP, voice call, instant messaging session, SIP, calendar events, game turns, notes, tasks, and address cards.

37. The wireless device of claim 35, wherein the communication events include at least one communication event identifier selected from the group comprising: e-mail address, MSISDN, URI, IP address, PIN, and name.

38. The wireless device of claim 35, wherein the pre-set criteria is configurable by a user of the wireless device.

39. The wireless device of claim 35, wherein each stored communication event comprises ordinal values indicating the sequence in which the stored communication events were transmitted or received by the wireless device.

40. The wireless device of claim 35, wherein each stored communication event comprises a time-stamp indicating the date the stored communication events were transmitted or received by the wireless device.

41. The wireless device of claim 40, wherein the time-stamp further indicates the time the stored communication events were transmitted or received by the wireless device.

42. The wireless device of claim 35, wherein the communication event software interface module represents and displays the pre-set criteria on the viewing screen.

43. A method for displaying communication events on a wireless device unifying one or more of a plurality of stored communication events, comprising the steps of:

filtering each stored communication event to identify one or more select communication events meeting a pre-set criteria; and

displaying the one or more select communication events meeting the pre-set criteria.



44. The wireless device of claim 43, wherein the communication events include at least one communication event of a type selected from the group comprising: e-mail, SMS, WAP, voice call, instant messaging session, SIP, calendar events, game turns, notes, tasks, and address cards.

45. The wireless device of claim 43, wherein the communication events include at least one communication event identifier selected from the group comprising: e-mail address, MSISDN, URI, IP address, PIN, and name.

46. The method of claim 43, wherein the pre-set criteria for the one or more select communication events is configurable by a user of the wireless device.

47. The method of claim 43, wherein the pre-set criteria requires the one or more select communication events to each have been transmitted or received by a contact selected by a user of the wireless device.

48. The method of claim 43, wherein the pre-set criteria requires the one or more select communication events to each have been unattended by the user.

49 A method for displaying one or more communication events on a wireless device, comprising the steps of:

identifying indexing data for each stored communication event;

identifying current indexing data for the pre-set criteria;

comparing the current indexing data with the indexing data for each stored communication event to identify select communication events having indexing data that falls within a pre-set storage proximity range from the current indexing data; and

displaying the select communication events identified as having indexing data falling within the pre-set storage proximity range.

50. The wireless device of claim 49, wherein the communication events include at least one communication event of a type selected from the group comprising: e-mail, SMS, WAP, voice call, instant messaging session, SIP, calendar events, game turns, notes, tasks, and address cards.

51. The wireless device of claim 49, wherein the communication events include at least one communication event identifier selected from the group comprising: e-mail address, MSISDN, URI, IP address, PIN, and name.

52. The method of claim 49, wherein the pre-set storage proximity range is configurable by a user of the wireless device.

53. The method of claim 49, wherein the current indexing data and the indexing data for each stored communication event are ordinal values.

54. The method of claim 49, wherein the current indexing data and the indexing data for each stored communication event are time-stamps.

55. A method for displaying a current communication event on a wireless device unified with one or more of a plurality of stored communication events, comprising the steps of:

providing pre-set criteria;

comparing the each stored communication event with the pre-set criteria; and

displaying the current communication event on a viewing screen along with each of the stored communication events which match the pre-set criteria.

56. The wireless device of claim 55, wherein the communication events include at least one communication event of a type selected from the group comprising: e-mail, SMS, WAP, voice call, instant messaging session, SIP, calendar events, game turns, notes, tasks, and address cards.

57. The wireless device of claim 55, wherein the communication events include at least one communication event identifier selected from the group comprising: e-mail address, MSISDN, URI, IP address, PIN, and name.

58. The method of claim 55, comprising the further step of:

displaying a representation of the pre-set criteria on the viewing screen.